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DESCRIPTION

CONTROL METHOD OF PHASE TRANSITION OF FRACTAL-COUPLED STRUCTURE, FRACTAL-COUPLED STRUCTURE, FERROMAGNETIC FRACTAL-COUPLED STRUCTURE, INFORMATION PROCESSING METHOD, INFORMATION STORAGE METHOD, INFORMATION STORAGE MEDIUM, INFORMATION PROCESSING DEVICE AND INFORMATION STORAGE DEVICE

THIS APPLICATION IS A 371 OF PCT/JP00/07182 10/17/2000 TSN

Technical Field

This invention relates to a control method of phase transition of fractal-coupled structures, fractal-coupled structures, ferromagnetic fractal-coupled structures, information processing method, information storage method, information storage medium, information processing device and information storage device, which, in particular, are based on a new principle.

Background Art

Materials exhibiting ferromagnetism are widely used as storage mediums, and support present technologies. Not only bulk magnetic materials but also those variously designed in layered structures are used, and they are employed in, for example, magneto-optical discs (MO discs). There are also vigorous researches and developments toward future magnetic materials, and in recent years, powder magnetic materials, i.e. magnetic particles, have been remarked ((1) J.M. L. Billas, A. Chatelain, W.A. de Heer,